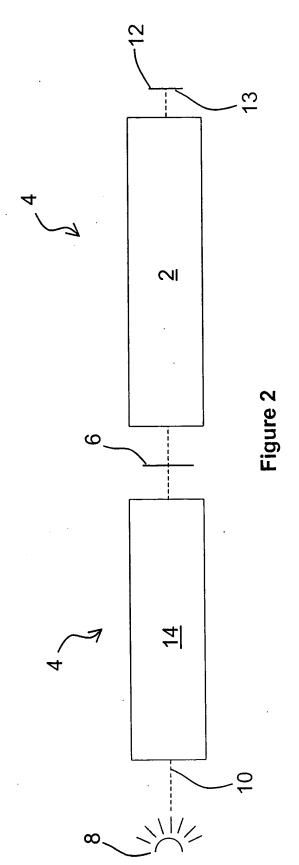
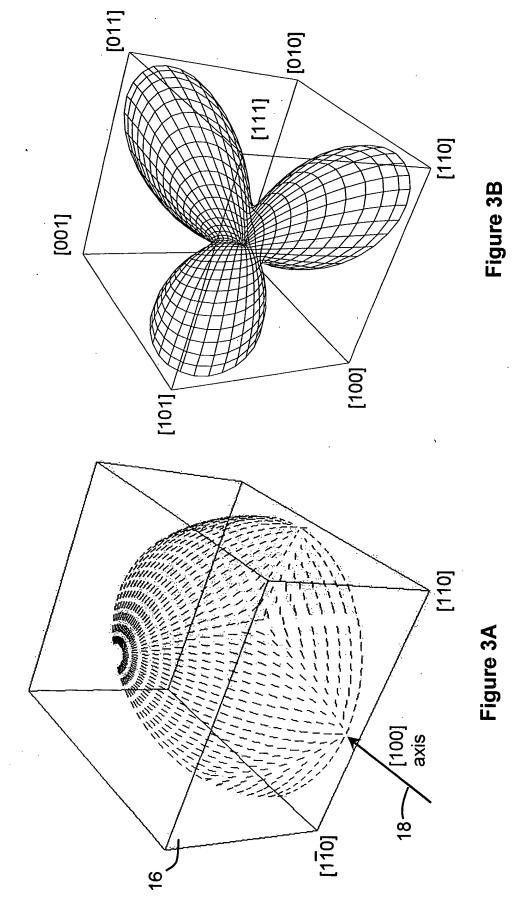
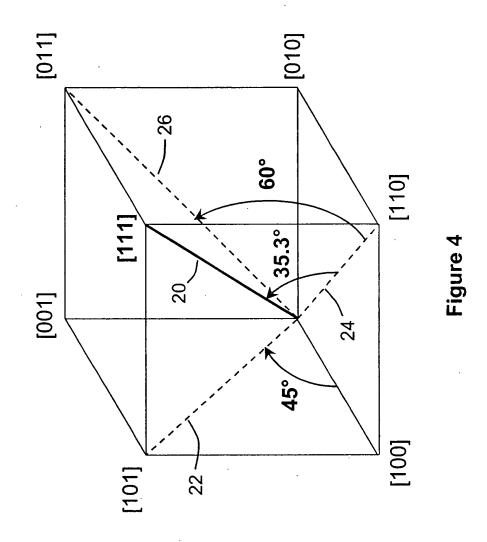


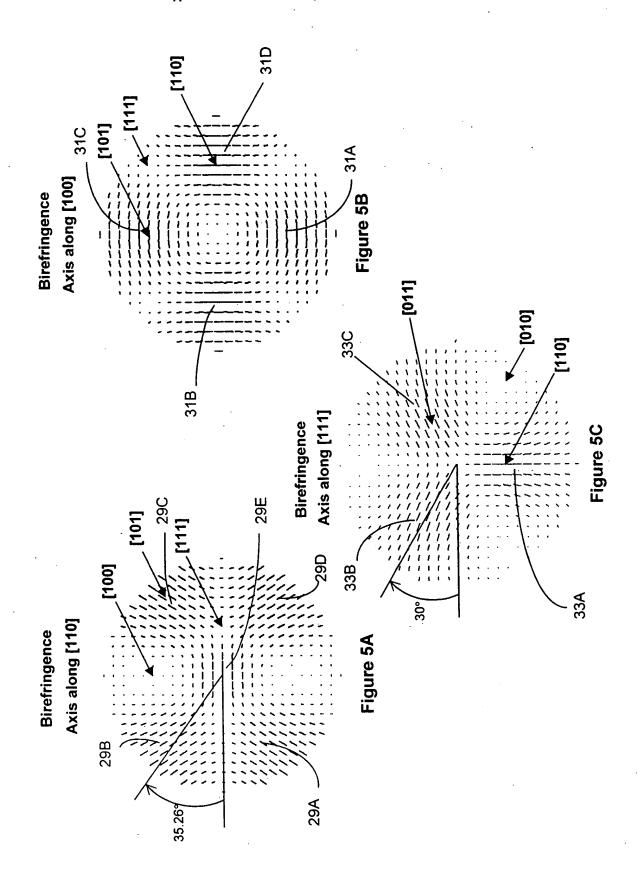
Hoffman, et al.

Appl. No.: Unknown Atty Docket: OPTRES.026C2



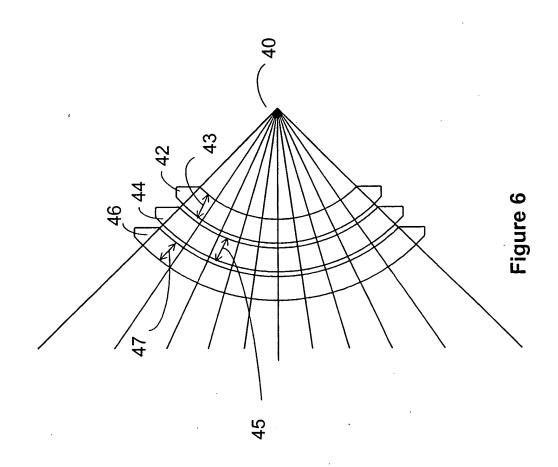






Hoffman, et al.

Appl. No.: Unknown Atty Docket: OPTRES.026C2



Hoffman, et al.

Atty Docket: OPTRES.026C2 Appl. No.: Unknown

Retardance Axis along [111]	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	Figure 7C
Retardance Axis along [100]	0.37 waves	Figure 7B
Retardance Axis along [110]		Figure 7A

Hoffman, et al.
Atty Docket: OPTRES.026C2

Appl. No.: Unknown

Axis along [100] Axis along [110] Axis along [110]

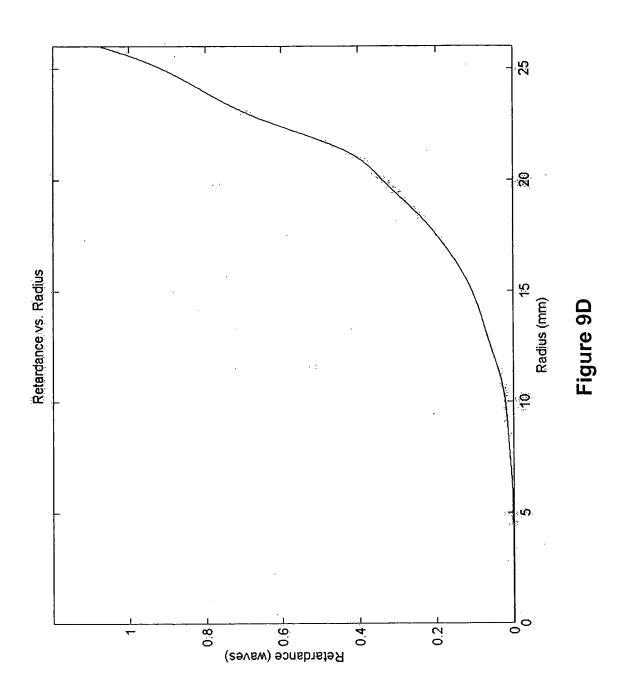
Hoffman, et al.

Atty Docket: OPTRES.026C2 Appl. No.: Unknown

Retardance		Figure 9C
Retardance		Figure 9B
Retardance		Figure 9A

CORRECTION OF BIREFRINGENCE IN CUBIC CRYSTALLINE OPTICAL SYSTEMS Hoffman, et al.

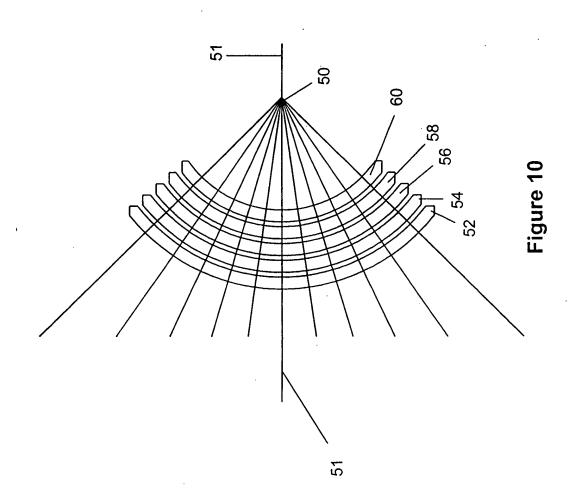
Appl. No.: Unknown Atty Docket: OPTRES.026C2



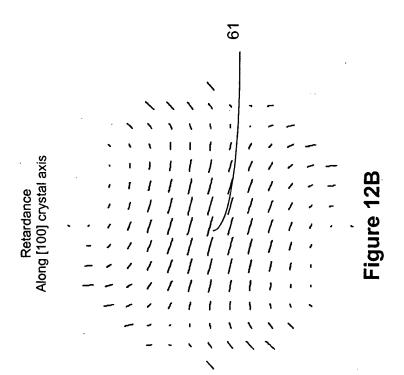
Hoffman, et al.

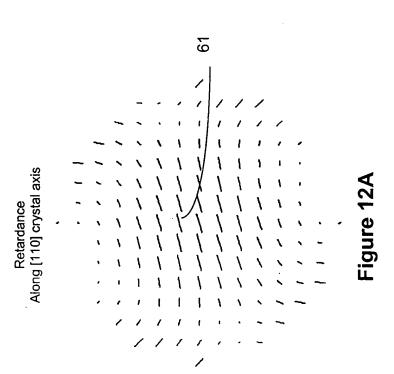
Appl. No.: Unknown Atty Docket: OPTRES.026C2

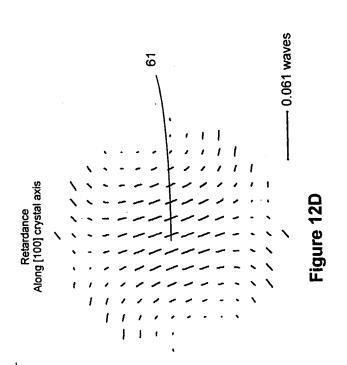
Net Retardance 0.054 waves stress-induced birefringence Retardance due to

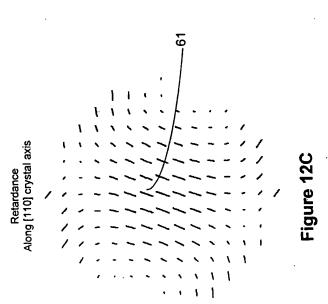


CORRECTION OF BIREFRINGENCE IN CUBIC CRYSTALLINE OPTICAL SYSTEMS Hoffman, et al. Appl. No.: Unknown Atty Docket: OPTRES.026C2 0.31 waves Retardance along [111] crystal axis Figure 11C 0.31 waves Retardance along [100] crystal axis Figure 11B 0.31 waves Retardance along [110] crystal axis Figure 11A

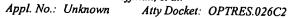


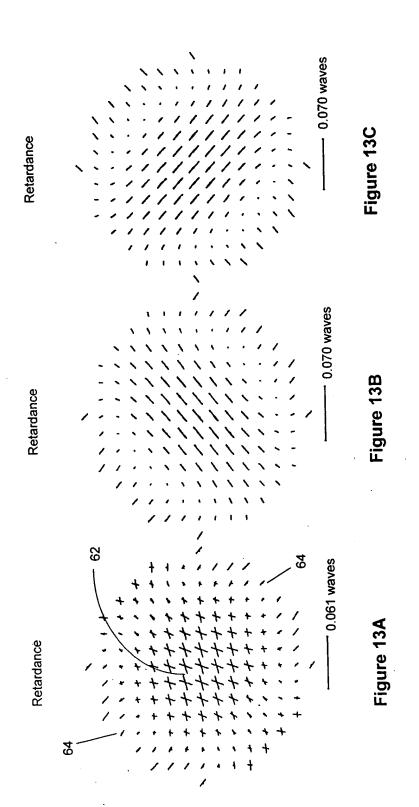


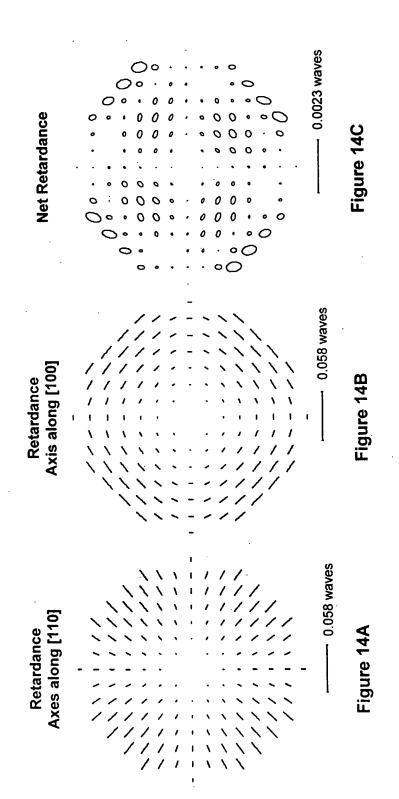


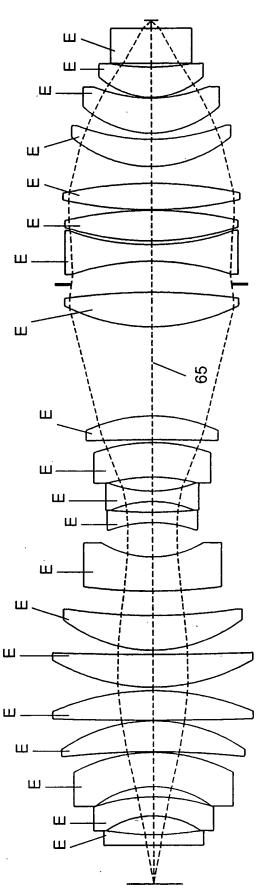


CORRECTION OF BIREFRINGENCE IN CUBIC CRYSTALLINE OPTICAL SYSTEMS Hoffman, et al.



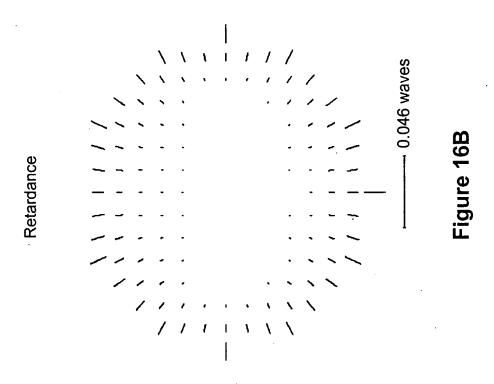






Hoffman, et al.

Appl. No.: Unknown Atty Docket: OPTRES.026C2



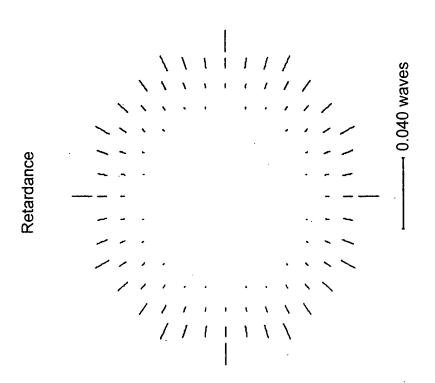
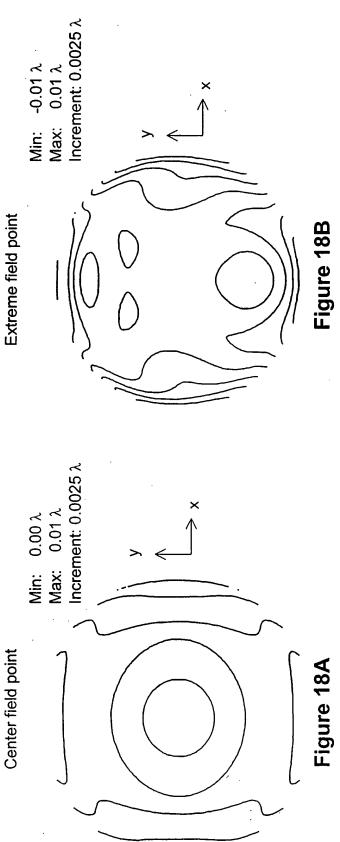


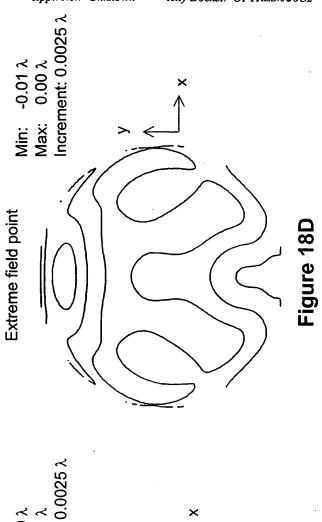
Figure 16/

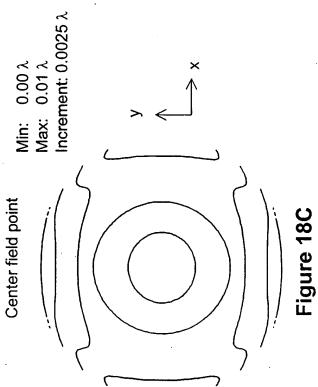
Diattenuation	Figure 17B
Diattenuation	Figure 17A

Hoffman, et al.

Atty Docket: OPTRES.026C2 Appl. No.: Unknown







Hoffman, et al.

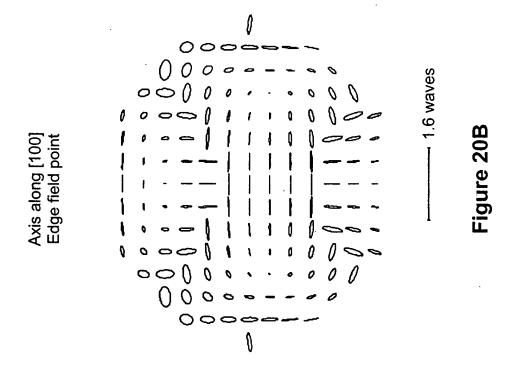
Appl. No.: Unknown

Atty Docket: OPTRES.026C2

1.6 waves Axis along [110] Edge field point Retardance

Retardance Axis along [110] Center field point

Appl. No.: Unknown

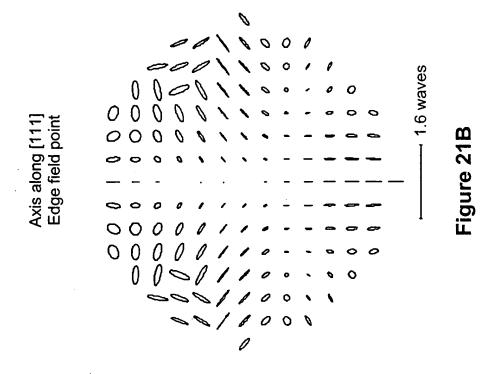


Axis along [100] Center field point

Hoffman, et al.

Appl. No.: Unknown Atty Do

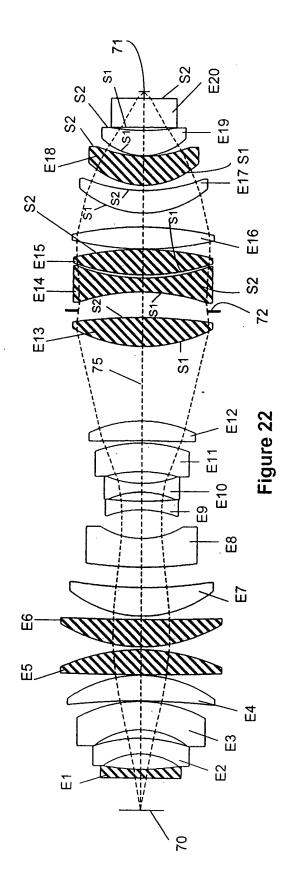
Atty Docket: OPTRES.026C2



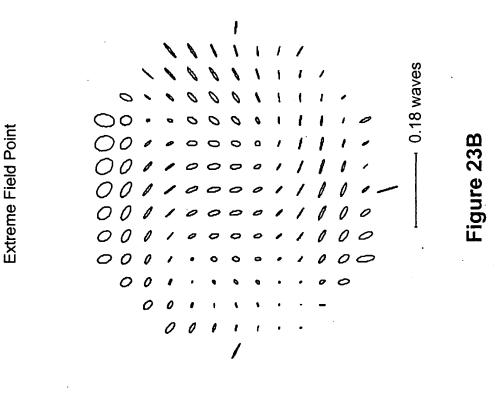
Appl. No.: Unknown

Hoffman, et al.

n Atty Docket: OPTRES.026C2



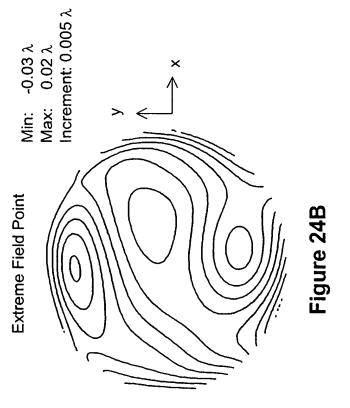
Appl. No.: Unknown

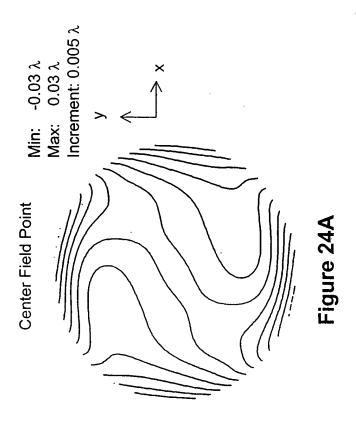


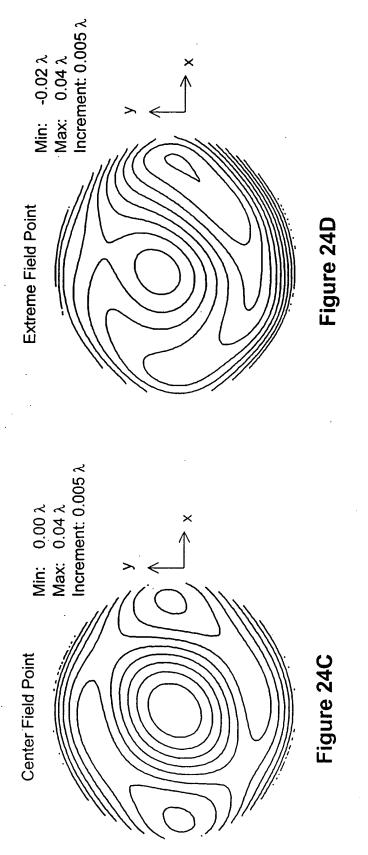
0.17 waves

Center Field Point

Figure 23A





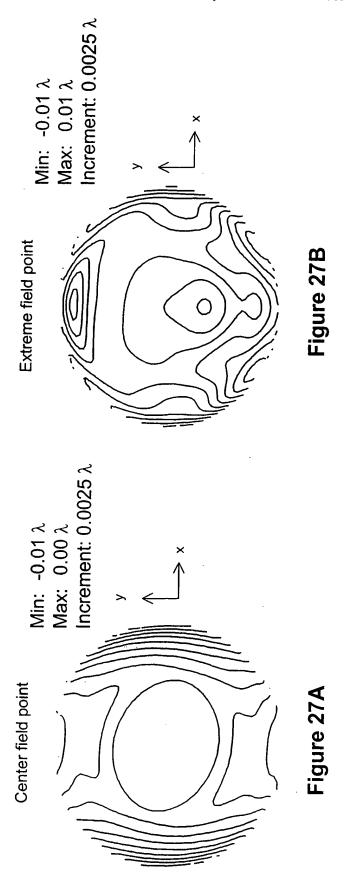


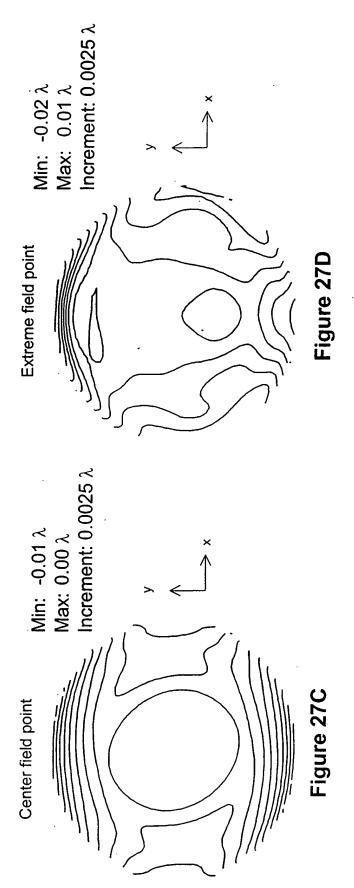
0.069 waves Edge field point Retardance 0.057 waves Retardance Center field point

Hoffman, et al.

Atty Docket: OPTRES.026C2 Appl. No.: Unknown

Figure 26B	Figure 26A
0.10 diattenuation	0.087 diattenuation
1	
\ \ \ \ \ \ \	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
- · · · · · · · · · · · · · · · · · · ·	
	/
/////	//
////	///
Diattenuation Edge field point	Diattenuation Center field point





CORRECTION OF BIREFRINGENCE IN CUBIC CRYSTALLINE OPTICAL SYSTEMS Hoffman, et al.

Appl. No.: Unknown

Atty Docket: OPTRES.026C2

Retardance Optical axis along [110] Edge field point Color	Figure 28B
-------------------------------------------------------------	------------

Retardance Optical axis along [110] Center field point

Appl. No.: Unknown

Hoffman, et al.
Atty Docket: OPTRES.026C2

Edge field point Optical axis along | Retardance

1.6 waves

Retardance Optical axis along [100] Center field point

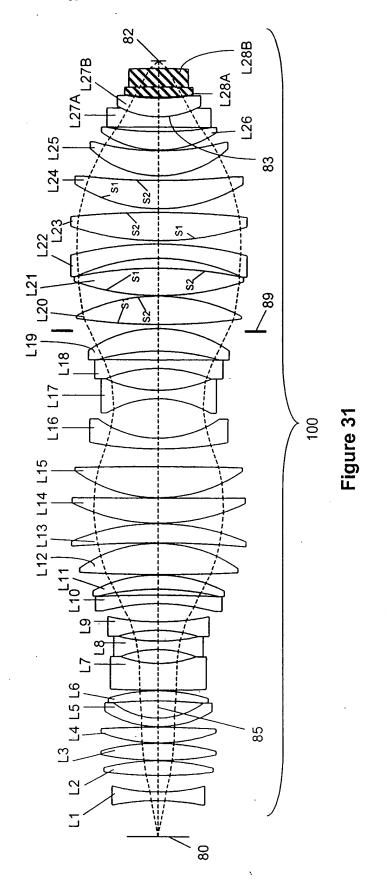
Hoffman, et al.

Appl. No.: Unknown

Atty Docket: OPTRES.026C2

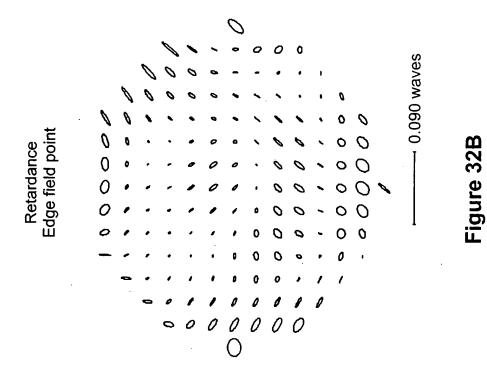
Figure 3

Figure 30A

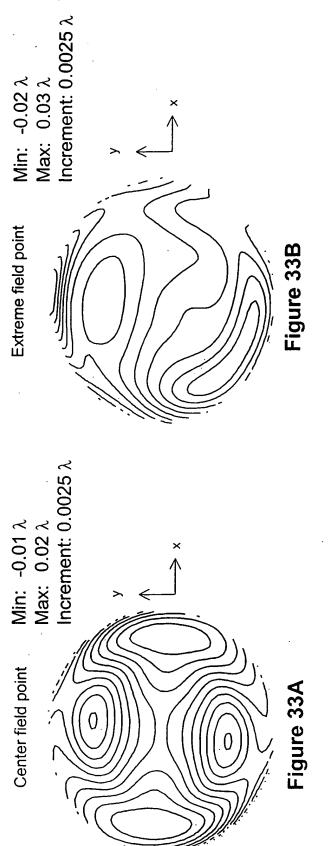


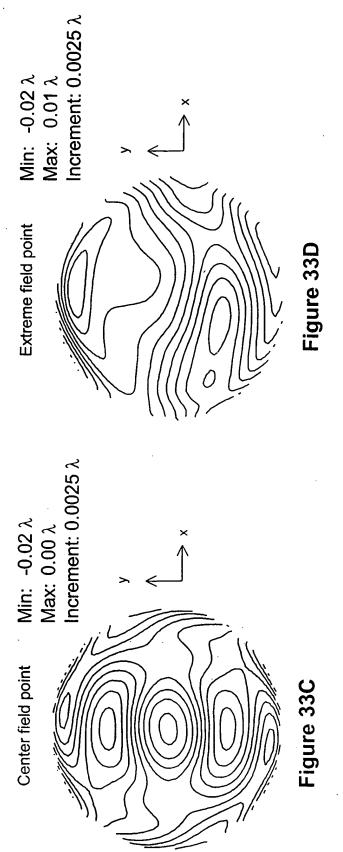
Hoffman, et al.

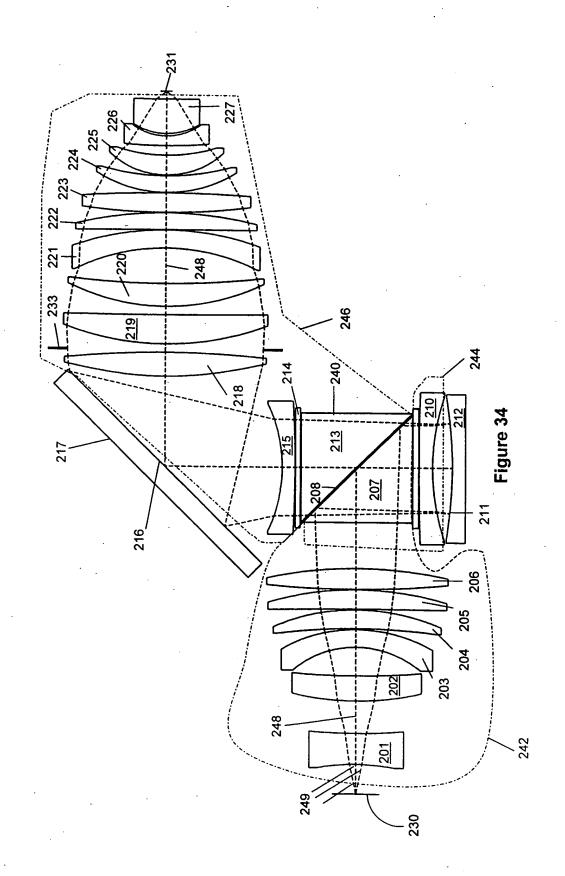
Appl. No.: Unknown Atty Docket: OPTRES.026C2



Hoffman, et al.
Atty Docket: OPTRES.026C2 Appl. No.: Unknown



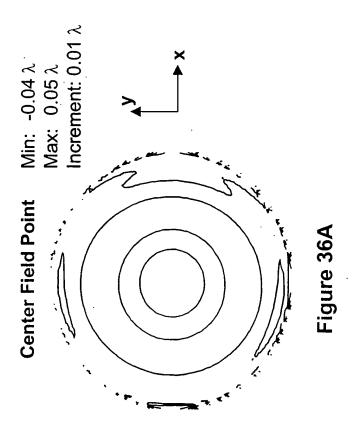


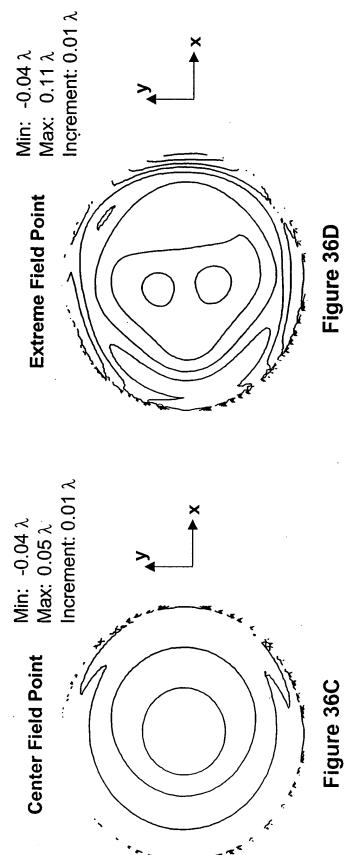


Retardance Extreme corner field point								- - 	0.14 waves	Figure 35B
Retardance Center field point		1,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1111.				\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		0.076 waves	Figure 35A

Appl. No.: Unknown

Increment: 0.01 λ Min: -0.04λ Max: 0.12λ **Extreme Field Point** Figure 36B

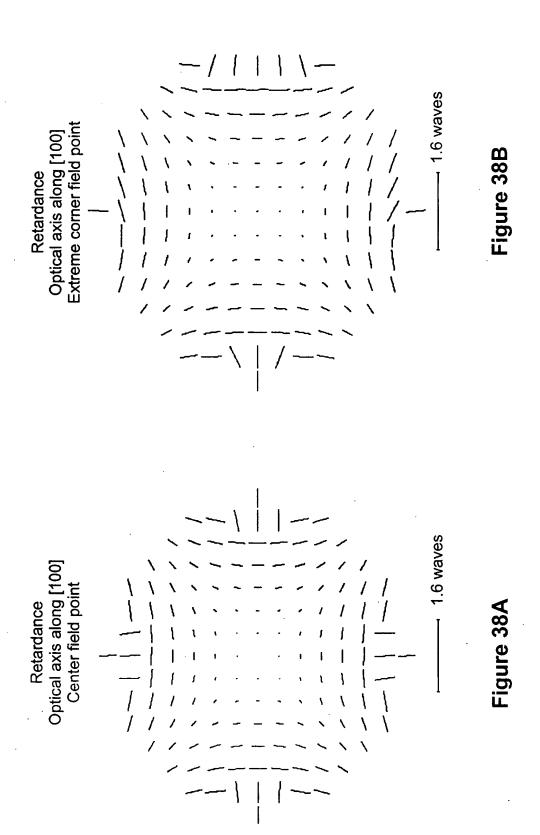




Appl. No.: Unknown

Retardance
Optical axis along [110]
Extreme corner field point

Retardance Optical axis along [110] Center field point



Hoffman, et al.

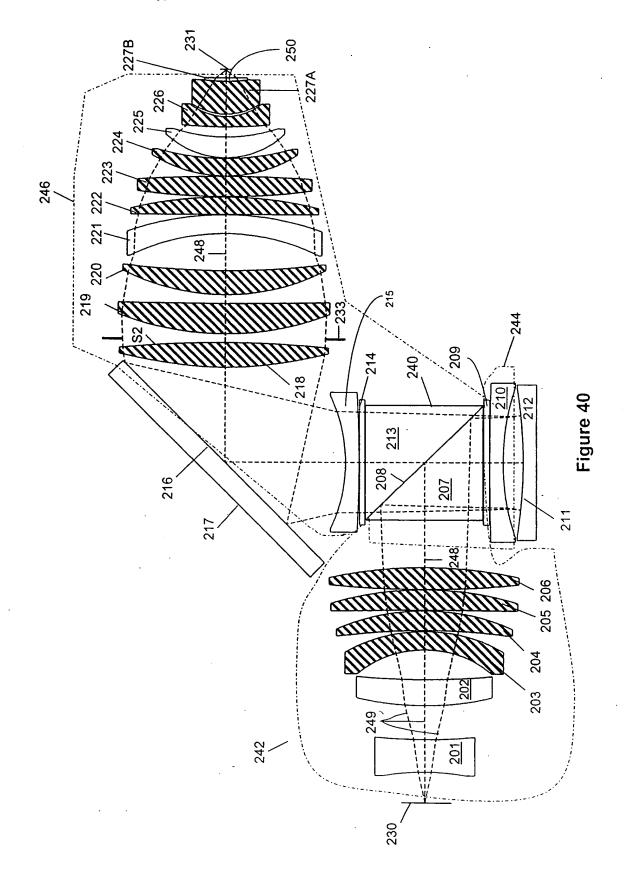
Atty Docket: OPTRES.026C2 Appl. No.: Unknown

	/ /	
Retardance Optical axis along [111] Extreme corner field point	Saves 1.6 waves 1.6 wave	Figure 39B

Retardance Optical axis along [111 Center field point

Appl. No.: Unknown

Hoffman, et al.
Atty Docket: OPTRES.026C2



CORRECTION OF BIREFRINGENCE IN CUBIC CRYSTALLINE OPTICAL SYSTEMS Hoffman, et al.

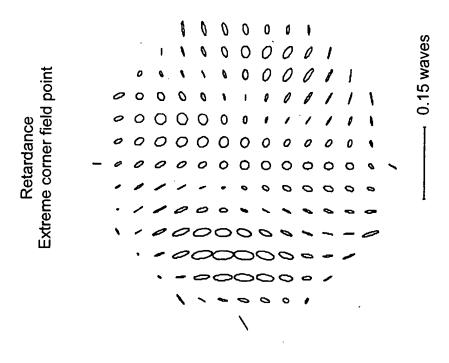
Appl. No.: Unknown Atty Docket: OPTRES.026C2

0.19 waves Extreme corner field point Figure 41B Retardance - 0.12 waves Retardance Center field point Figure 41A

Hoffman, et al.

Appl. No.: Unknown

Atty Docket: OPTRES.026C2



00000

0 0

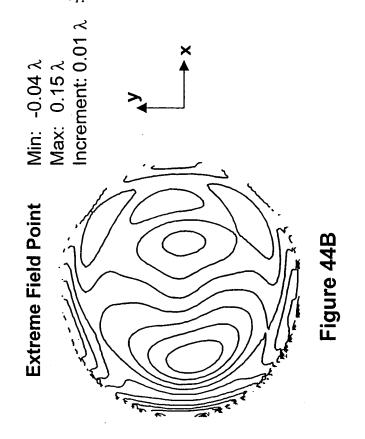
0

Center field point Retardance

Hoffman, et al.

Appl. No.: Unknown Atty Docket: OPTRES.026C2

Retardance Extreme corner field point			,, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,											\ \ \		0.25 waves	Figure 43B
Retar Extreme con				, , , , , , , , , , , , , , , , , , ,	سر ؟ سر ٠ سر ٠ سر ٠ سر ٠	·			1 1 1 1 1	11111	11111	1 1 1 1 1 1					Figu
					-			` ` `	-	-	_						
· +		_		, .	1 ,	1 , , ,	``		•	1 / / /	1 , , ,	1 / /	1 /	1		0.16 waves	
Retardance Center field point	~		, , ,				•	1		, , ,	/ /	/ / /	/ /		~	0	Figure 43A
		1	1	/ / ,	/ / /	/ / /			` ` `	` ` ` `	`	- ,	-				



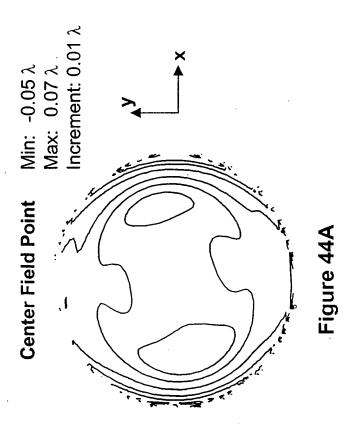
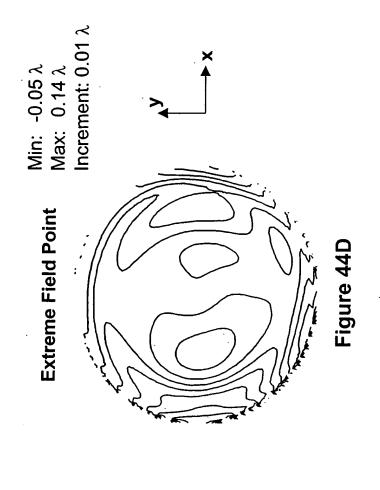


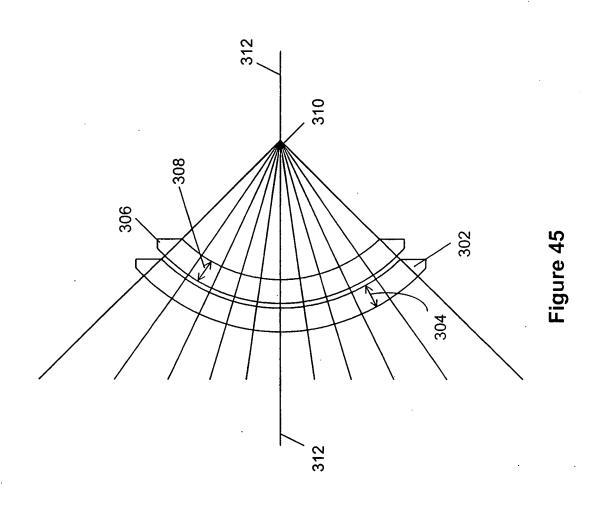
Figure 44C



Increment: $0.01 \, \lambda$

Min: -0.05λ Max: 0.07λ

Center Field Point



Net Retardance		Figure 46B
Retardance Due To Stress-Induced Birefringence		Figure 46A